

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)
21. (Canceled)
22. (Canceled)
23. (Canceled)
24. (Canceled)
25. (Canceled)
26. (Canceled)
- 27 ~~29~~. (Canceled)
- 28 ~~30~~. (Canceled)

29 ~~31~~. (Canceled)

30 ~~32~~. (Canceled)

31 ~~33~~. (Canceled)

32 ~~34~~. (Canceled)

33 ~~35~~. (Canceled)

34 ~~36~~. (Canceled)

35 ~~37~~. (Canceled)

36 ~~38~~. (Currently amended) A system for facilitating communication along a wellbore, comprising:

an expandable tubing having a communication line passageway in a wall of the expandable tubing.

37 ~~39~~. (Canceled)

38 ~~40~~. (Canceled)

39 ~~41~~. (Canceled)

40 ~~42~~. (Canceled)

41 ~~43~~. (Currently amended) A method of routing a communication line in a well located in a formation, comprising:

deploying an expandable tubing into ~~in~~ a well;

connecting ~~routing at least a portion of~~ a communication line along adjacent ~~at~~ least a portion of the expandable tubing; and

expanding the expandable tubing in the well and directly against the formation.

42 ~~44~~. (Canceled)

43 ~~45~~. (Currently amended) The method as recited in claim 41 ~~43~~, wherein routing comprises routing a cable along an exterior of the expandable tubing.

44 46. (Currently amended) The method as recited in claim 41 44, further comprising attaching the communication line to the expandable tubing as the expandable tubing is deployed in the well.

45 47. (Currently amended) The method as recited in claim 41 44, further comprising forming a communication line passageway in the expandable tubing to receive the communication line.

46 48. (Currently amended) The method as recited in claim 45 47, wherein forming comprises forming the communication line along a thick strut formed between a plurality of bistable cells.

47 49. (Currently amended) The method as recited in claim 41 44, further comprising providing a device attached to the expandable tubing.

48 50. (Currently amended) The method as recited in claim 47 49, wherein providing comprises attaching a sensor.

49 ~~51~~. (Currently amended) The method as recited in claim 47 49, wherein providing comprises attaching an instrument.

50. (New) The system as recited in claim 36, wherein the communication line passageway comprises a thinned portion of the wall.

51. (New) The system as recited in claim 36, wherein the communication line passageway comprises a slot formed in the expandable tubing.

52. (New) The system as recited in claim 36, wherein the communication line passageway comprises a flattened region.

53. (New) The system as recited in claim 36, wherein the communication line passageway is generally linear and extends longitudinally along the expandable tubing.

54. (New) The system as recited in claim 36, wherein the communication line passageway follows a circuitous path along the expandable tubing.

55. (New) The system as recited in claim 36, wherein the communication line passageway follows a generally helical path along the expandable tubing.

56. (New) The system as recited in claim 36, wherein the communication line passageway extends the entire length of the expandable tubing.

57. (New) The system as recited in claim 36, further comprising a communication line disposed in the communication line passageway.

58. (New) The system as recited in claim 36, wherein the expandable tubing comprises a plurality of communication line passageways.

59. (New) The system as recited in claim 36, further comprising a sensor device disposed in the communication line passageway.

60. (New) The system as recited in claim 36, wherein the communication line passageway is wider at a radially inner region relative to a radially outlying opening of the communication line passageway.

61. (New) The method as recited in claim 45, wherein forming comprises forming a generally linear communication line passageway.

62. (New) The method as recited in claim 45, wherein forming comprises forming a generally circuitous communication line passageway.

63. (New) A method of routing a communication line in a well located in a formation, comprising:

forming a communication line passageway in a wall of an expandable tubing;

deploying the expandable tubing in a well; and

radially expanding the expandable tubing in the well.

64. (New) The method as recited in claim 63, wherein forming comprises forming a generally linear slot in the expandable tubing.

65. (New) The method as recited in claim 63, wherein forming comprises forming a generally circuitous slot in the expandable tubing.

66. (New) The method as recited in claim 63, wherein radially expanding comprises expanding the expandable tubing directly against the formation.

67. (New) A system for facilitating communication along a wellbore disposed in a formation, comprising:

an expandable tubing deployed in a wellbore; and

a communication line extending along the expandable tubing, wherein the communication line is moved into proximity with a formation in an open hole section of the wellbore upon radial expansion of the expandable tubing.

68. (New) The system as recited in claim 67, wherein the expandable tubing comprises a passageway formed in a wall of the expandable tubing to receive the communication line.

69. (New) The system as recited in claim 67, wherein the expandable tubing comprises a plurality of bistable cells.

70. (New) The system as recited in claim 68, wherein the passageway extends along the entire length of the expandable tubing.

71. (New) A system of routing a communication line in a well located in a formation, comprising:

means for forming a communication line passageway in a wall of an expandable tubing;
and

means for radially expanding the expandable tubing in the well.

72. (New) The system as recited in claim 71, wherein the means for forming comprises a passageway having a cross-section with a dovetail shape.

73. (New) The system as recited in claim 71, wherein the means for radially expanding comprises an expandable tool.